



OREGON

TUALATIN

JULY 1983

VALLEY

AMATEUR RADIO CLUB

PO Box 5132 Beaverton, Ore. 97006

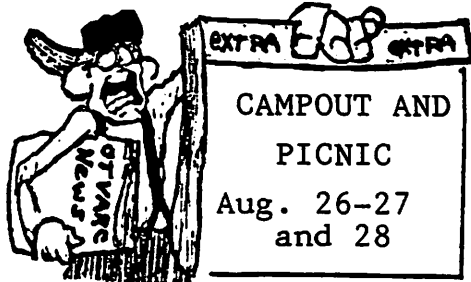
Meeting: Wednesday, July 20 at 7:00pm..

Coffee, juice and cookies at BREAK time.

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President:	Bert Schmidt	W7JWG	Trustee:	Al Berg	WB7SIC
Vice-Pres:	Doc Miller	KA7BSD	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Koenig	N7CRP	Trustee:	Bob Orr	KB7CC
			Trustee:	Dick Powers	WB7ADM

WELL NOW! Wasn't our June meeting interesting. Our hassle with a try at conducting business showed how unskilled we are. Most likely because of a distinct lack of same over the 5 year life of the club. We have not had to worry about business during meetings because we have rarely had any!! I and a lot of others are of the opinion that this is why the club has grown like it has. Any thoughts on the subject? Well, there must be some business being done as our treasury is healthy, we have bought some items and are continually spending money on club functions. Who has been making sure that we don't go broke and who has made sure that we furnish a well rounded program of activities? A lot of which cost money. How come we could afford to buy a trailer for emergency work? How did we get club owned towers and beams for field day? We spend around \$80.00 a month for raffle prizes, newsletter postage has been averaging around \$75.00 a month and we are losing money on the coffee and cookie trip. Add it all up based on a 200 person membership at \$5.00 a year and you will find us somewhat short!! How come we are not flat broke? It seems impossible that we could be monetarily healthy. I will tell you how!! Each year we elect officers to direct the club and those officers are entrusted, by YOU, to see that things go smoothly. The elected slate, over the past four rapid growth rate years, have done what the club wants and needs. At no time during my four years on the board have I seen a selfish move in decision making. At no time have I seen even a nickel spent that did not stem from the primary interest of making sure that it was for the good of everyone. The reason that we are financially sound is that many people have made donations in time, ideas and work. The raffle committee does their best to see that we come out on the prizes. The social group sets fees, such as for field day dinner and breakfast, to make sure that we are not only fair on charges but that hopefully we come out even. The trailer was paid for by a few people spending many, many weekends putting up towers for a fee. As for myself, I travel around each month collecting ads for the newsletter to help in defraying the postage cost. In no case has anyone asked for expenses in gas, time or work. The hundreds of hours donated to the convention has helped. And there is more!! In most cases our President makes the decision regarding the spending of money. In other cases, when it comes to a club social expense, it is dictated by need and by the committee chairperson. So far, it has worked very well.



AN INVITATION TO ALL AMATEURS

The Sunset Empire Amateur Radio Club in Astoria has entered into an agreement with the Columbia River Maritime Museum whereby the radio room of the U.S. Coast Guard Lightship 'Columbia' (WLV-604) will be reactivated utilizing amateur radio frequencies and operators. The ship was decomm-

issioned December 12, 1979. This project has been underway since 1971 and visitors may tour the Maritime Museum and Lightship Monday through Friday at a cost of \$2.50 per person. You are invited to drop in to the radio room and join the duty operator in on the air activity. The club has no set operating hours at this time but inspection of the ships radio room may be made during museum hours. The radio room sports a Kenwood TS-830 and the ships original antennas are used. The station operates on 20, 15 and 10 meters and issues a picture QSL card of the ship to all stations worked. An Icom IC-225 is used to monitor the 146.76 Astoria 2m repeater. All original Coast Guard radio equipment is rack mounted inside the radio room. Further information may be obtained by writing the Sunset Empire ARC

W7BU

(submitted by WA7YSU)

Sunset Empire ARC

Rt. 3, Box 75

Astoria, Ore. 97103

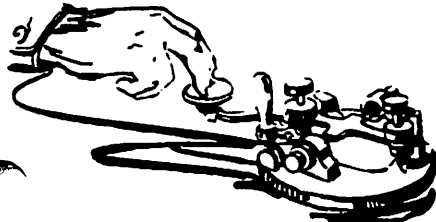
CONGRATULATIONS: Wes and Debbie Allen (K7WWG) are the proud parents of a new baby girl which was born on June 9 at 10:45pm. It was nice of Debbie to plan the birth after the convention and before field day so that Wes could help out at both functions. Welcome to Carolyn Allen!!!

VOX PROBLEMS: Those of you who were at field day will recall where the 20m phone station was located but what you don't know is who's tent was located close by. We received word that on Saturday night a problem arose which is unique to us but perhaps not so to other, more experienced clubs. Seems as how Paul Lucas, WB6SHR, our hard working Co-chairman of the social committee, was in the near tent and he snored so loudly that the station operator had to cease and desist from operating VOX and revert to the rather primitive use of PTT. Pity the operator and also Pauls wife Bonnie. Murphy takes many diverse forms.....

A BIG THANK YOU: It appears that the June newsletter regarding field day was well read by those who participated. This was the first time in the past five years that a cigarette butt patrol was not needed! The site was CLEAN!!! We found no trash, no butts and no nothing to pick up. OUTSTANDING!!!!!!!!!! It made the take-down and get home early trip a lot easier. SUPER. A BIG thanks from the litter haters.....

CORDLESS TELEPHONE SALES ARE BOOMING! Prompted by increased demand, the FCC has proposed allocating additional frequencies in the 46 and 49 MHz band for them. Currently, cordless telephones operate on only five channels at 49 MHz for the handset transmitter and 1.7 MHz for the base station transmitter. Cordless phone sales of \$1.6 billion predicted by 1985. Sooner or later expect lifetime telephone "people numbers" much like social security numbers so that intelligent telephone networks will be able to keep track of you worldwide! Eventually all telephones could be cordless since cords are unnecessary and cumbersome! Even telephone wiring from the phone company to your home will be dispensed with someday!

W5YI



Fellow Members,

I would like to respond to some of the events and allegations of last months club meeting. I am not a debater and in a battle of words, I lose. But I still need to express my opinion and obser-

vations.

Let's look at the statement "If this dangerous amendment should pass, OTVARC members will lose their right to be able to effectively participate in their own club and will have no say in it's operation except to vote for officers, appointed by an election committee which is appointed by the Pres. once every year". This is a ridiculous and misleading statement. For example, it was the wish of the majority of the membership that the nominating committee provide more than one candidate for each office at election time. So a committee along with your elected officers met several times and spent a number of hours working out the details of the proposed amendment pertaining to nominations. Now if you really didn't want that we could have spent those hours in a far more productive way. I believe the officers of this club are with me in being dedicated to serve the membership specifically and in the advancement of amateur radio.

I admit the wording certainly was not clear in the proposed amendment regarding what a quorum would represent. As it was stated, our membership is such that we will probably never have a quorum of 75% of the membership. This has proved to be quite a hindrance in the carrying out of club business. The motivation is not a power struggle of any kind but to facilitate the handling of business so we can get to the things we enjoy doing-listening to our speakers, talking of field day and etc..

No officer or officers are out to put anyone out of the club! The allegation that your officers are trying to get the power to expel members is simply not true. The whole business of expulsion or removal from office stems from non-functioning officers, I think. If an officer will not attend meetings or perform the duties of the office for which elected, what are we to do? I do not disagree that the membership should be involved with the decision to take action. I do believe this is a moot situation though because it is highly unlikely the membership or officers would take any kind of action along that line unless it was gross misconduct or the like. If I were expelled from an organization I would prefer to have it done by as few people as possible, unless it was unjust. If it were unjust I would raise Cain. The motive, nonetheless, for privacy is honorable and not in any way deceitful. Board meetings, by the way, are not private. It is my understanding that anyone may attend. The only limiting factor may be a seating space situation.

I must take exception to the paragraph in Doug's letter about the phone conversation with Al, WB7SIC. I am sure Doug is perfectly honest in his statements of what Al said but the exception that I take is in the assault on Al's character. Doug said "I don't believe that and I'm sure you don't either." Al is not perfect but I know of no one who has worked harder and so unselfishly for the good of the club. Our club newsletter does not just materialize nor does the Seaside Convention just happen.

There is no officer that feels the ordinary members have no interest in the club's operation. If that were true, you wouldn't be here. Nor is there any apathy for the membership. I don't think this is happening now and I have missed only 2 or 3 meetings in the last 3 years.

Doug mentions that the government of the club, if the amendments were to pass, would be in complete opposition to the American ideal of government. Everyone is entitled to their opinion though it may differ from mine. However, the opinions should be expressed in a responsible manner without assaulting the character of our fellow members. The statements I see are not indicative of the American way but are more of a reminder of another way. If you remember, those of you who are old enough, the method of accusation, innuendo and incomplete facts was used in Europe prior to World War II. (over)



NEWS

BULLETIN

FIELD DAY WRAP-UP

WOW! What a turnout we had and although the weather was on the marginal side, a good time was had by all. The extra CW station which was a slow to medium speed endeavor, turned out to be as fast at times as our high speed station. The station groups did a nice job of setting up and tearing down. Would you believe that all five of the stations, including towers and dipoles, were down and packed up in about one hour!! A special thanks should go to Dee, KA7NPN, who set up the organizing of the novice station. Last year that station had about 50 or 60 contacts and the year before it had around 85. Well, Dee sat some goals and they pounded out 171 contacts before the switch was pulled. Nice going to Dee and crew. Another heavy contributor to our effort was Paul, WB6SHR. Paul took on the task of making sure we had our hot dog, spaghetti dinner and Sunday breakfast served in good order. A very nice job Paul and a thanks also to the many who helped in serving and cleaning up. An unexpected Saturday nite surprise was given by Ron, WA7GFE, who brought some new NASA movies to show. There were quite a few people in the cookhouse enjoying the show. Thanks Ron. There were far too many contributors to list here so lets just say a round of applause is in order. Contest wise we surpassed last year by a healthy amount. Excluding dupes, our points this year would have put us second in the nation in the 4A class and first in the battery class were the points applied to last years results. We still have some that say you can't have a serious contest and fun and games as well. I say really?? If you didn't make it you missed a great weekend. Next year??

(fellow members-ctd.) We really need to be careful and hear from both sides before we come to a conclusion. The American way is that a person is innocent of wrongdoing until proven guilty.

Thank you.

Randy KA7HJT

A THOUGHT FOR THE DAY: When you are placed under pressure or have a major decision to make, do you REACT or do you RESPOND? Take a guess as to which is positive and which is negative..

●**JAPAN IS WAITING IN THE WINGS** to pounce on the home computer market. It won't take long. A group of 14 of Japan's leading electronics companies (working with two American companies) have agreed on a standard set of specifications for the U.S. personal computer market. History has shown that the Japanese can manufacture a sophisticated, reliable electronic product with fewer defects than their USA counterpart... and at less cost.

Japan already outsells the U.S. (and undercuts the price) in 16-bit and 64-bit RAM chips. A new generation of Japanese 256-bit

chips are now beginning to appear and research is being done on a new replacement for silicon - the main ingredient in integrated circuits. The government of Japan has allotted \$100 million to assist six companies to develop a supercomputer able to do 10 billion mathematical operations a second!

Look for Japan to provide the bulk of America's home computers and peripherals by 1985! Only constant innovation by U.S. high-tech firms will keep off-shore firms from swallowing them up. Assembly line production is Japan's strong suit. It happened in CB radios... remember?



ACTIVITIES

Project building-Convention hosts-ARRL affiliation-Contests-Ham classes-Bunny Hunts-Public service-Emergency service-Field Day-Easter Hunt-Xmas party-Campouts-Meeting programs

BUNNY HUNT SCHEDULE

~~June 18--Experimenter--Bvtn. Mall~~
~~July 2--Intermediate--Bi-Mart, Hillsboro~~
July 23--Experimenter--Bvtn. Mall

Aug. 6--Advanced--Sears Auto
Wsh. Square
Aug. 20--Experimenter--Bvtn. Mall

BUNNY HUNT RESULT

The July 2 hunt was won by Bert, our Presidente. It was his first try. He had the help of W7LJNs Doppler System and also from Sue, N7EPE. As I hear it, Bert beat W7XI by 500,000 millipoints. Now that was a very close one. One wrong turn made the difference. Dick and Joanne, ADM and QFL, came in a close third. Dick, how many cars were hunting? Oh well, maybe next time. CU there.....



CLUB LIBRARY

Susan Benson, N7EPE, has offered to take over the duty of club librarian. It will be set up at Antronics, thanks to Stan. Thank you Susan!!!

●THE FCC WILL RULE ON NOVICE EXAMS on Wednesday, June 29, according to a Open Commission Meeting agenda being circulated. Since this is too late for our deadline, we can only speculate (but we feel certain we are right) that the FCC will adopt final rules that will allow examiners to fully administer and grade Novice Class amateur radio operator examinations. The new rules will completely eliminate the "mail-back procedure" now in use. Expect early implementation!
W5Y1



FOR BUNNY HUNT HELP PLEASE CALL:

General info: Mark, N7CRQ

Antennas: Mark, W7CLU

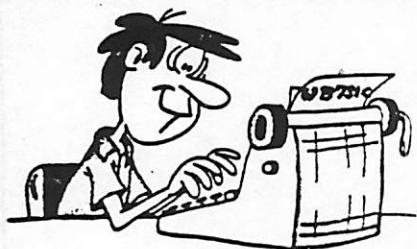
Attenuators: Terry, WB7CHK

Antenna Mounting Brackets:
Dave, W7LJN

Bunny hunting IS a lot of fun and it only requires a minimum of equipment to thoroughly enjoy. Why not give it a try and find out for yourself! Ragchewing and DX isn't everything, is it?? Try a new aspect of hamming.

●GOVERNOR VICTOR ATIYEH of the State of Oregon proclaimed the week of June 1 to 8, 1983 as "Amateur Radio Week in Oregon". The May 26th proclamation said, "The 7500 licensed Amateur Radio Operators in the State of Oregon have continuously contributed to the improvement of the quality of life for all our citizens by their unselfish donation of their time and resources... 'hams' are always there to provide communications to get the message through."

WINTER IS NEAR! If you haven't got a club jacket yet, why not order it now. No-pay until it arrives.....



My Fellow Members,

If you attended last months meeting and if you received a letter in opposition to our By-Law and Constitution changes, you will understand what you are about to read.

We have desired, for over two years, to put together a 'New Member Packet' and it would consist of information regarding club jackets, badges, past activities, a committee list, ARRL information, a short history of the club and a copy of the Constitution and By-Laws. The papers that direct our club were well written but with no concept of how large we might grow and with the resultant problems the many 'quorum' items, to conduct business, might cause. The two key items that have caused problems is the expulsion of member and officer clauses. It is unthinkable that a member would get up at a meeting and vote that a member be expelled! It is too public! The same with an officer. Your Board is not looking for 'POWER' in this matter but merely looking for an alternate way to expell without public scorn. I, like Randy, would appreciate that consideration. The Board does not care how the ammendments read so long as they are WORKABLE!!! It was deemed prudent to not spend the money on the 'New Member Packet' until the By-Laws and Constitution were put in good order. It was also the intent to make our club papers available to the general membership. This would cost quite a bit of money and that is why we have not moved on the plan. There are no secrets, there is no clique, there is no power struggle, there are no personal vendettas. Only a very serious interest in where the club is going!!!!

Doug, W7XI, must have run 48 hours non-stop to distribute his anti revision letter. It is especially interesting to see such enthusiasm from a member that has made only 3 or 4 meetings over the past two years or so. It almost seems like he is afraid the Board is out to expell him. NOT so. Personally speaking, I am not crushed that the revisions did not pass. I am sure the chosen committee will come up with workable revisions. What does bother me is Doug's style of twisting the facts. I do not appreciate my comments, during a private phone conversation, being used without my permission. I do not appreciate being quoted in part. The reasoning behind the ammendment changes was not cited in Doug's letter but was, by me, in our phone conversation. Lastly, it is not the 'American Way' to omit the officers when distributing letters regarding club business.

A final comment to this editorial. During our meeting hassle in June, a member stood up and made the statement that recent changes had given the 'Board' more power. There have not been any changes and nobody has any more power than given by you, the electors. If this person had taken the time to read the club papers he would have found that the ONLY reference to the 'Board' is that the 'Board' consists of the officers and trustees. No further mention is made in either the By-Laws or the Constitution so we can only assume that the 'Board' is governed by how you want it to work.

Thank you for listening. Al WB7SIC

ANOTHER ONE

(Here's one I haven't read before - Ed.)

I see you at my meetings, but you never say "Hello";
You're busy all the time you're there with those you already know.
I sit among the members and yet I'm a lonesome guy,
The new ones are as strange as I, but you old members pass me by.
But, darn it, you folks asked us in and talk of fellowship--
You could just step across the room, but you've never made the trip.
Why can't you nod and say "Hello" or stop and shake my hand?
Then go and sit among your friends-Now that I understand.
I'll be at your next meeting, perhaps a nicer time to spend.
Do you think you could introduce yourself? I want to be your friend.

ARNS



JOIN A COMMITTEE



FOR SALE: A solid core door-3'x7'-Great for a shack desk or as a work bench. You can have it for a cheep \$8.00. Call Marty, KD7LA at 644-9244.

FOR SALE: 2m Ringo Ranger in excellent condition. A super antenna for home use or while out on a camping trip. Great for portable trailer or motorhome trips. Will sell for \$15.00. Susan, N7EPE at 640-1989.

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TECHNICAL PUBLICATIONS
SOFTWARE
B100 BOARDS
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ANTENNAS

(for the ladies)

'Oh, how I wish'

To have you here with me today
and lie in shade
or dash to play.
To hold your hand
and say your name
and care for you and understand.
To stroll with you
over fields and hills
it matters not what-ere we do.
To speak with truth
and open heart
of love and things and joyful youth.

To touch your hair
and tell you true
how lovely and so soft and fair.
To sit with you along a brook
and talk and sing.
Perhaps to rest or just to look.
To listen to the world around,
to be amazed, to be aware,
of all the wonders nature does abound.
To be with you I do implore,
today, tomorrow and forevermore.
Oh, how I wish.

(anonymous)

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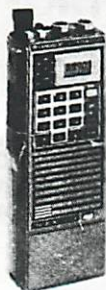
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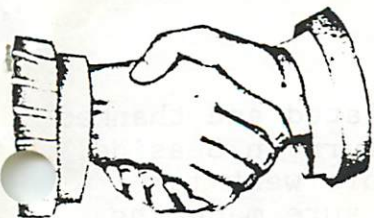
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NEW MEMBERS

Would you welcome please: Don Matthews, K7AWP--Brian Wright, KA7OWD--Herb Hochfeld, KA7LFL. Three new active hams to add to the roster. Nice to have you all with us. We hope that you enjoy and contribute.

UPGRADES AND CALL SIGN CHANGES

Lee Woldridge, KA7FEH went to advanced as well as our new member, Don, K7-AWP. Congratulations guys. Good old Marty, KA7Colored TP got his new call of KD7LA. (snicker) AND-Jerry Norman, N7ACO, who went from general to extra in one sitting, got the call of ND7T. Jerry, you went from second on the roster to last page. Was it worth it? Nice going guys.....

CLUB QSL CARDS?

Anybody go for the thought of three color, low cost club cards? I vote for it. We would buy in lots of 1000 with total order quantity of 10,000. In other words, the club would order 10,000 and that would cover cards for 10 members. Interested? Bring it up at the meeting, yell and scream or wave your arms. Sounds neat! How about a card design contest?????

REWARD

\$100.00 to a member who submits the best convention program idea.

By: Sept. 1 - Cost: under \$1000.00

THE TECHNICIAN'S TEN COMMANDMENTS

From Superstition ARC via Arizona Desert Aire Waves. Amateur Radio News Service

1. Beware the lightning that lurketh in the undischarged capacitor lest it cause thee to bounce upon thy buttocks in a very untechnically manner.

2. Cause thou the switch that supplieth large quantities of current to be opened and so tagged, that thy days in this earthly vale of tears may be long.

3. Prove to thyself that all circuits that radiateth and upon which thou worketh are grounded and so tagged lest they lift thee to radio frequency potential and maketh thee to radiate also.

4. Tread not among the foolish that engage in intentional shock for they are surely non-believers and are not long for this world.

5. Take care that thou usest the proper methods when thou takest the measure of a high voltage circuit lest thou incinerate thy self as well as thy meter.

6. Tampereth not with the interlocks and safety devices for this will surely bring the wrath of the safety inspector upon thy head.

7. Work thou not on energized equipment; for if thou do, thy fellow man will surely buy many beers for thy widow and will console her in other ways.

8. Service thou not equipment alone for electrical cooking is a slothful process and thou might sizzle upon a hot circuit for many hours before thy maker sees fit to end thy misery.

9. Trifle thou not with radioactive tubes and like substances lest thou begin to glow in the dark; yea as the lightning bug and thy wife have no further use for you except thy wages.

10. Causeth thou to be tagged all modifications made by thee upon any equipemnt lest thy successor tear his hair asunder and go slowly mad in his attempt to decide in whatmanner creature hath wrought such a nest within thewiring of said equipment.

●PERSONAL COMPUTER SOFTWARE

MARKET IN THE U.S. is the title of a 199-page (\$1,275) report by Frost & Sullivan of NYC. They said that the market for PC software is expected to increase from approximately \$300 million to over \$1 billion by 1985! (They defined the personal computer as a desk-top micro-processor based system with a minimum of 32K of memory that provides stand-alone processing and on-line storage.) Much of the needed software will come from third-party authors! (Get working!)

●THE FAMOUS AKRON SOAP BOX

DERBY will be commemorated by the Cuyahoga Falls Amateur Radio Club. They will be operating W8VPV/8 during All-American Race Week, August 10-13. Frequencies of operation include 3.945, 7.265, 14.240, 21.365 and 28.585 plus/minus QRM. Amateurs in cities that have Derby Champs in Akron can arrange special schedules. A certificate is available for a QSL and 2 postage stamps from: Cuyahoga Falls ARC; PO Box #6; Cuyahoga Falls, OH - 44222.

EDITOR: Al Berg--WB7SIC

COPY: Dennis Boyd--KC7BE

CIRCULATION: 250



CONVENTION A BIG SUCCESS

Many members are to be congratulated and thanked for helping to make the wheels turn in Seaside. Some of the committee contributors went far beyond what was expected and it sure made the work easier for others. I wish to complement

ALL of you who worked whether it was on security and/or on a committee. My personal time required to act as Co-Chairman was cut in half from that needed on last years convention. Things went more smoothly and we had a lot less behind the scenes confusion. The overall attendance compared with that of last year and as the comment cards roll in it seems that we are going to enjoy more good feelings for the convention than we did for last years show. Many of you are curious as to how we came out financially and all I can do at the present time is assure you that we are in the black to a larger degree than in 1982. Some expenses have yet to be turned in and as soon as that is taken care of you will get the exact figures. Who won the prizes? Well, the Icom 730 went to Joan Upton, the Heath WX station went to yours truly, the Kenwood 2m rig was taken by a Sam Dorning, the Yaesu 2m rig by K7AII and the microwave is in the home of VK3ANL who lives in Cornelius. Don Branda, N7DDK, who conducted most of the drawing, won the 2AT 'Early Bird' prize. Pretty shifty Don! Almost forgot that K7VDQ took home the ARRG 2m amp. Other club members won also but most of them smaller items and I didn't keep a record. The bunny hunt was won by our own W7CLU and second place was taken by KB7CW of the Salem area. Hats off for a job well done!!!!!!

YOU KNOW YOUR GROWING OLD: When the nursing home asks for payment in advance!
When you go to your class reunion and everyone else looks ancient!
When the principal on your home exceeds the interest!
When a martini before and a cigarette after turns into a cup of tea and a deep sleep!

FCC RECOGNIZES AMATEUR COORDINATION OF REPEATER FREQUENCIES

In a letter to Stephen Mendelsohn, WA2DHF, President of the Tri-State Amateur Repeater Council, the FCC has indicated that it recognizes repeater coordination by Amateur Radio Operators and that it will issue citations to those who refuse to abide by it.

Mendelsohn had written the Commission seeking their views on frequency coordination and how continued transmitting by outsiders on amateur coordinated repeater frequencies would be handled.

James C. McKinney, FCC Chief of the Private Radio Bureau, replied "The Commission's fundamental policy in this matter was stated in the Report and Order in Docket #18803 (Repeaters in the Amateur Radio Service): i.e. 'The Commission is persuaded by the comments and by observation that regional and national frequency planning and coordination by amateur radio operators themselves can result in the best spectrum utilization appropriate to the service.'"

McKinney said that the only national planning for the Amateur Radio Service that has come to their attention is that done by the American Radio Relay League. "In view of this widespread acceptance of their band plans, we conclude that any amateur who selects a station transmitting frequency not in harmony with those plans is not operating in accord with good amateur practice."

"Continued transmissions on (uncordinated) frequencies," McKinney wrote, "that creates interference to (coordinated) repeater operation would be cause for the issuance of an Official Notice of Violation of Section 97.78 of the Commission's Rules and Regulations for not observing good amateur practice and could be cause for an additional Notice of Violation of Section 97.125 for deliberate and intentional interference."

McKinney also sent a copy of his ruling to their Field Operations Bureau - Enforcement Division. This is believed to be the first written ruling that indicates the FCC will issue citations to those who fail to observe "gentlemen's agreements" in the ARS.



MEETING PROGRAM

The July program will be 'All you wanted to know about repeaters but were afraid to ask'. That title, by itself, should be all the explanation needed but we shall elaborate slightly. The ARRG people will be putting on the show and tell so they will use their system as the ginny (easier to spell) pig. You hear all this stuff about uplinks, downlinks, plain old links, splits, duplexers, hardline, quieting and much more. Now you will get educated. Ever seen a duplexer? Do you know what it is and what it does? Do you have any conception of how an autopatch works? Well, you just show up at the meeting and find out. Then when you hear one of those mysterious phrases on the air, you can just smile, content that YOU know what they are talking about. See you at the meeting.....
(it WILL be more fun than last months!)

BPA CELILO CONVERTER STATION TOUR

The tour was not arranged for in time to be in our June letter but it was announced at the meeting. If this letter reaches you too late please accept our apologies. Don't despair. We may have another one later. DATE: Saturday, July 16. TIME: Assemble at Norths Chuckwagon at the Beaverton Mall between 7:00 and 7:30 am. We will carpool/caravan it up the river to The Dalles. If you want to leave directly from home that is ok but leave early enough to assure your arrival by 10:00 am. The carpool/caravan will leave Norths at 7:45 am. Where are we going? Take I-84 to The Dalles and then go south about two miles on I-97. There will be a 30 minute movie shown at 10:00 am and then the group will be given a very SPECIAL guided tour which will last about an hour and a half. After the tour we are free to have lunch either in The Dalles or, if you brown bag it, an outdoor lunch at The Dalles dam picnic grounds. After lunch, we have the opportunity to tour The Dalles dam, visit the wind generators at Goldendale or take a tour of the Maryhill Museum.

If you haven't made prior reservations please call John Haide, WA7-CZA, at 246-8086. John arranged for the tour and as he works for the BPA you can expect a red carpet style trip. Thanks a bunch John!!! Let's hope that we get a good turnout. There are other facilities that we, as a club, could enjoy visiting. A good crowd will assure more of these.

WHO TO CALL FOR WHAT

Public Service	Mark Cattell	N7CRQ	245-1230
Club Contests	Marty McKillip	KA7CTP	644-9244
Public Relations	(needed)		
Club Raffle	Willie Raines	N7DZR	292-1656
Programs	John Haide	WA7CZA	246-8086
Technical	Roger Steyaert	K7RXV	642-1419
Wash. Cty. EC	"	"	"
Club Socials	Joanne Powers	WB7QFL	655-6498
	Paul Lucas	WB6SHR	641-8703
Club Jackets	Warren Winner	W7JDT	644-0752
ARRG INFO	"	"	"
Club Badges	Linda Cereghino	N7CZY	643-5862
Letter Changes	"	"	"
Classes	Bob Orr	KB7CC	297-2732
Bunny Hunts	Mark Cattell	N7CRQ	245-1230
ARRL Membership	John Koenig	NB7W	641-7535
Club Library	(needed)		
Club Scrapbook	(needed)		
Convention	Al Berg	WB7SIC	640-5456
Newsletter	"	"	"
ARRL Assist. Dir.	"	"	"

●**IBM WILL OBTAIN 50%** of the personal microcomputing market within 2 years. A startling study by research firm, Strategic, Inc., of San Jose, CA, says that IBM now knows it has a winner in their PC and that they will introduce a "second generation" PC responding to the Apple LISA. Look for IBM to include higher resolution graphics and "light pen and mouse" capabilities soon. Light pens and mouses can write instructions on the CRT and will allow quicker "user friendly" interfacing between humans and computers. Strategic also predicts a low-end hand-held IBM portable computer and a cheaper home computer soon.

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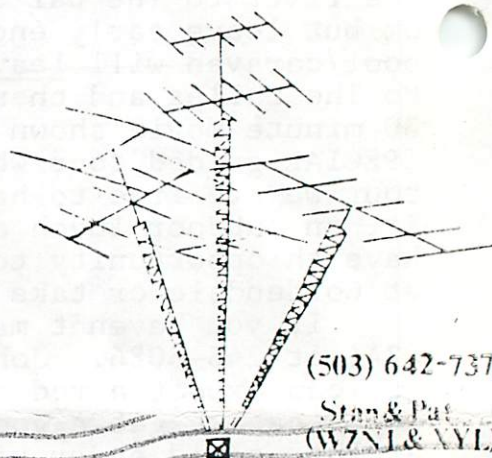
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